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ORANGE COUNTY AMATEUR RADIO CLUB

VOL. XXVI NO.12

P.O. BOX 1704, ORANGE, CA., 92668

DEC 1985

1986 BOARD OF DIRECTORS!

PRESIDENT	FRANK	WA6UKZ
VICE PRESIDENT	JIM	N6JSU
SECRETARY	KEN	W6HHC
TREASURER	JEANIE	KB6EZS
ACTIVITIES	KEI	W6NGO
PUBLIC RELATIONS ...	MAC	W6MIL
TVI.....	AL	W6IBR
MEMBERSHIP	JOHN	KB6EZU
MEMBER AT LARGE	JOE	KB6FZU
MEMBER AT LARGE	BOB	AF6C

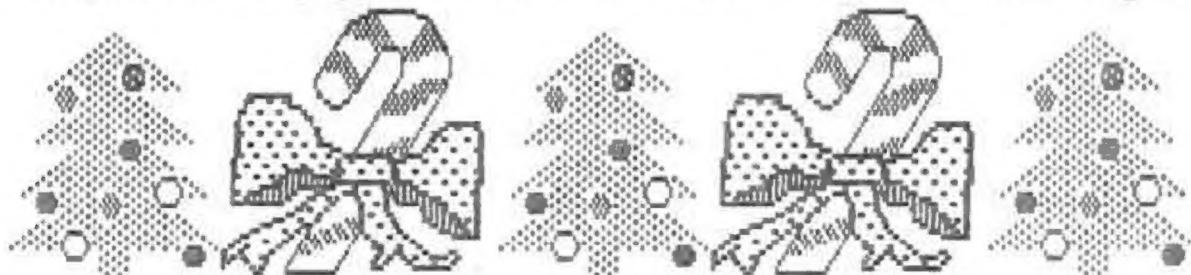
CONGRATULATIONS!

XMAS BANQUET



SUNDAY DECEMBER 15th is the date of the 1985 OCARC Christmas Banquet. It will be held at Caseys Restaurant, 9100 Trask Ave., in Garden Grove (At Magnolia and the Garden Grove Fwy.). This location is the same as where we held last year's banquet; then the Victorian Broiler. The room will be larger than last year.

Please contact Dotty, W6IBP to help her get a head count. Twenty-five members have already signed-up to attend. The banquet flyer is reprinted on page 9 of this 'RF'. Don't miss this extravaganza!



"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

DEC 85

1985 CLUB BOARD OF DIRECTORS

President	Bob Eckweiler	AF6C	639-5074
Vice President	<open>		
Secretary	Frank Smith	WA6VKZ	492-7215
Treasurer	Jim Talcott	N6JSV	838-5395
Activities Chairman	Joe Partlow	KB6FZU	542-3122
Membership Chairman	John Meacham	N6LMX	842-4782
Public Relations D.	Al Watts	W6IBR	531-6245
T.V.I. Chairman	Ken Konechy	W6HHC	541-6249
Member At Large	Kei Yamachika	W6NGO	538-8942
Member At Large	Dottie Watts	W6IBP	531-6245

CLUB APPOINTMENTS

Club Historian	Bob Evans	WB6IXN	543-9111
W6ZE Trustee	Bob Eckweiler	AF6C	639-5074
R.F. Editor (Acting)	Bob Eckweiler	AF6C	639-5074
Teen Representative	<open>		

CLUB FUNCTIONS

MONTHLY MEETING:	3rd Friday of each month, 7:30PM at: MFGO TINGS & LOAN 16 th DEC. (4th St becomes Irvine) Tustin, CA. REGULAR BANQUET MEETING 14.55 MHz
Dec 15th (banquet)	
Jan 17th, 1986	
Feb 21st, 1986	(Take the 4th St. exit FREEWAY and head east. Continue about 2 ^{cks} past Newport Blvd. on the left.)

CLUB BREAKFAST:	1st Saturday of each month, 8:00AM at: MIMI's CAFE 17231 17th Street Tustin, Ca. (714) 544-5522
Jan 4th, 1986	
Feb 1st, 1986	(55 FREEWAY at 17th Street east.)

CLUB NETS

BAND	MODE	DAY OF WEEK	LOCAL TIME	FREQ MHz
2 Meters	FM	Wednesday	2100 hrs.	146.550
15 Meters	SSB	Wednesday	2000 hrs.	21.375
15 Meters	CW	Sunday	2000 hrs.	21.175

(Listen for W6ZE, net control)

The Prez Sez . . .

I've been long-winded all year writing this column. It's amazing how easy it is to fill one page and still have more to write. This month though, I'm going to keep it short.

My second rein as President is over. I'd like to thank all the board members who helped keep the club alive through 1985. The new board of directors are a good group and will continue to keep the club alive and well. They need everyone's help and participation.

My plans are to stay active in the club and dedicate more time to the club nets. I just put the low-band rig back into its cabinets today. They are working just great. I hope to spend more time at the computer too. It seems much of my computing time has been doing "RF" and other club activities (rosters, mailing labels, etc.).

I will be at the Christmas Dinner this December and hope to see all of you there too! Till then let me sign one last 73.

73 de Bob, AF6C

WATCH THAT FORM 610 AFTER JANUARY 1st

On October 17th, the FCC released a Public Notice alerting Amateur Radio Service applicants that the editions of Form 610 prior to that of June 1984 would no longer be acceptable for filing. Effective January 1st, 1986, only the June 1984 and later editions of FCC Form 610 may be used to obtain an Amateur license. Applying on earlier editions of the form after 1 January will delay issuance of your license; your application will be returned without action and you will be required to refile on a current form.

(from the ARRL LETTER via W6RE)

THIRD PARTY TRAFFIC OK WITH U.K.

The Federal Communications Commission announced an agreement, effective October 14th, with the United Kingdom's Dept. of Trade & Industry, permitting 3rd-party communications between amateurs in the U.S. and special events stations in the U.K. This applies to special events stations using the prefix GB, BUT note that GB3 stations are excluded! Three conditions apply:

1. Communications are limited to those of a technical or personal nature, too unimportant for a commercial message.
2. No compensation, either direct or indirect, may be received for the passing of such traffic.
3. Communications must accord with regulations for amateurs in each country.

(from the ARRL LETTER via W6RE)

*** MY WORD! ... AUSTRALIA BY TWO METER BIRD! ***

Work Australia on your Two Meter Hand-held?!! Entirely possible! The age of OSCAR is upon us!

On Saturday evening, Oct 12th, in response to a phone message, I called Ralph Bergman, K6TSK in Anaheim. Much to my surprise, he had just finished working one of my old friends, Bill Hill, K3SHK, (with my buddy, Milt, W3RUL, on the side) in Oil City, PA., via the "Bird" (OSCAR 10)!

Isn't it strange! Not more than two months ago, I asked OCARC members at our meeting if they knew about any local OMs who were actively working OSCAR satellites. I did get some unfruitful leads but some of you expressed interest in OSCAR communications. So you see, Ralph appeared on the scene at a most opportune time!

I asked Ralph to speak to the club on OSCAR communications, but his schedule, etc., won't permit it. But he did give me a contact for our Program Chairman: OP Bud, W6CG, (retired, age 74) who "might" speak on OSCAR himself, or, he might know an experienced OSCAR OP who would share his experiences with us.

And now, DXers, drool over this!... Ralph has worked 111 countries (88 countries confirmed) over OSCAR 10! Another "bird" operator, Nicki, K5ADQ, has about 118 countries confirmed, which undoubtedly makes her one of the leading, if not the leading, OSCAR DXer in the Nation!

NOW HEAR THIS!! Ralph Bergman, K6TSK, 3328 W. Faircrest Dr., Anaheim, CA.. phone: (714) 828-2874, has consented to give advice and help, in any way he can, to any OPs who need information, have an interest in, or are actively engaged in assembling OSCAR stations. Antennas, UHF equipment, time schedules, OSCAR positions... you name it, and if Ralph can't answer it, he'll tell you where you can get an answer! Just call him!! And Ralph didn't have the funds to go out and buy commercial gear. His station is homebrew "tube" gear, with homemade left and right hand polarized Helix antennas (and wide-spaced yagis)... just the ticket for you low budget homebrewers who have to keep the XYL happy!

OH! You're not a homebrewer? You can afford commercial gear?! Then ask Ralph about the Yaesu 726-R Duplex Transceiver with plug-in modules for various modes of operation. Or how about the ICOM twins: the ICOM 271 2 meter, & the 471 UHF rigs? He also mentioned TENTEC equipment being used by OPs for OSCAR communications.

Ralph is also well informed on the past and present history of earth-orbiting amateur radio satellites. He touched on some of the high points with me:

There are presently three Russian machines on 2 meters up and 10 meters down (mode A).

OSCAR 10 was launched by a French Ariane rocket. the "bird" operates mode B (435 MHz up and 144+ MHz down) in an apogee pass, and mode L (1296 MHz up and 435 MHz down) in a perigee pass. I was writing information pretty fast while Ralph was talking, so if I goofed on the up or down-link frequencies, call Ralph and he'll straighten it out!

continued next page

"BIRDS" continued...

OSCAR 9 and 11, both English "birds", were launched from Vandenberg.

JAMSET, a Japanese "bird" featuring PACKET RADIO, mode B, will be launched in the near future!

And repeater freaks! Have you heard about "gateway" operations, where OSCAR QSOs can be linked through repeaters?! They're doing it! Some "gateway" operation has occurred through the Catalina machine here, and Bill Hill, K3SHK, in PA., will soon have this capability with the two or three local repeaters in the Oil City area.

Want to know more?... Ralph is but a phone call away!!

de Bob, WB6IXN

Call For O.C.A.R.C. PACKET RADIO Pioneers:

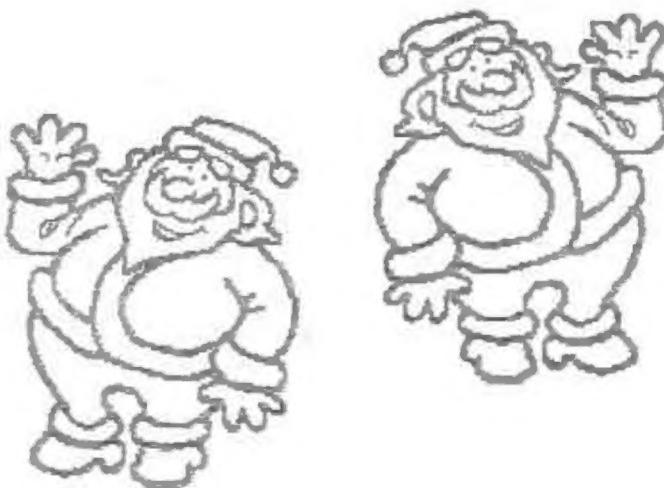


Ken, W6HHC, and Bob, AF6C, are planning to get started on two-meter Packet Radio in early January. Already on order are two Heathkit Packet Radio TNC (Terminal Node Controller) units. Anyone else who's interested in exploring the new horizons of Packet Radio should give Ken, 541-6249, or Bob, 639-5074 a call. They will be giving progress reports on the OCARC two-meter net (Wednesdays, 9:00 PM local time, 146.55 MHz simplex).

HAPPY HOLIDAYS

On behalf of the Board of Directors I'd like to take this opportunity to wish you all a very grand and happy Christmas and New Year holiday. May Santa bring you health, happiness, and all kinds of ham radio goodies.

Bob, AF6C
President O.C.A.R.C.



The Prez ELECT Sez :

Promises for the future with a view of the past.

Quite a few articles have recently appeared in the various "Ham" publications concerning the lack of growth of the Amateur Radio fraternity. I personally feel that the present Amateur fraternity has to accept the fact that microcomputers are here and that they are going to remain here and expand.

Young men and women who in the past joined the Amateur ranks are now into computers and the Amateur fraternity is suffering from the lack of new ideas, techniques and developments that young people historically bring with them.

There is hope on the horizon with the relatively recent development of PACKET radio and AMTOR. Digital communications is here now and is going to be the mode of communications in the future.

PACKET radio with its inherent ability of error free communication, no QRM, and experimental communications of 1,000 WPM is exciting in the extreme.

AMTOR's ability on the low bands of error free communications is second only to PACKET.

About all that has to be developed now is a pocket sized antenna for 80M with 12 db of gain.

I believe that the Orange County Amateur Radio Club should remain a general interest club but should embark on a course of action that leans towards digital communications. There are thousands of young people in high school in Orange County who are thoroughly wrapped up in computers. If 35 of these young people were convinced that computers and Amateur radio go hand in hand for high speed communications and they joined OCARC for the knowledge of how to do this matchup, the club would double in size.

I know that there are hams who are computer enthusiasts in OCARC. I would encourage these hams to volunteer to do programs for the club, demonstrating how their computers help them with Amateur radio (logging, duping, antenna field patterns, RTTY, CW, AMTOR, PACKET, etc...).

On election night I was greatly surprised, honored and pleased that I was nominated and elected to be your President for 1986. Many thanks to all who participated. It appears as though you will have an excellent Board of Directors for 1986. Many thanks to the new Board for accepting their new duties.

Respectfully, Frank, WA6VKZ

HOSPITAL DISASTER SUPPORT COMMUNICATIONS SYSTEM

The Hospital Disaster Support Communications System (HDSCS), part of the Orange County ARES, was first developed in 1981 at the request of hospitals in North Orange County who drill together each year for disaster preparedness. This request came about following a phone outage at the St. Jude Hospital and Rehabilitation Center in Fullerton and the impressive response of Amateur Radio Operators in that emergency.

Continued

HDSCS Continued...

In accordance with their internal disaster plan, St. Jude Hospital activated the HDSCS on the evening of Oct. 22nd. Calling from a pay-phone at 6:25 pm., the PBX Supervisor alerted WA6OPS of the complete phone and paging system outage. In 15 minutes three operators had arrived and by 7 pm., 5 of the initial 6 requested were in place. Ultimately, 7 operators were utilized in the following areas: PBX, ICU/CCU, 3North, 4West, Labor/Delivery, Emergency, and Laboratory.

During the operation traffic was handled ranging from requests for pillows & bath blankets to stat orders for medication. Relief operators began arriving between 10:30 and 11:00 pm. During their arrival the phones became operational, but operators stayed in position until testing of phones and paging system had been done. All was secure by 11:15 pm. Major compliments centered on the professionalism of amateur participants, they didn't get in the way, and they communicated only when necessary.

Since the drills, additional hospitals have asked for HDSCS support. Newest additions are: Martin Luther, Doctors of Santa Ana, Anaheim Memorial, Midwood, La Palma, and Pacifica. WILL YOU HELP IN THE SUPPORT OF THESE NEW HOSPITALS? Or, do you know other radio amateurs who might be interested? If so, contact April Moell, WA6OPS, Emergency Coordinator, days at (714) 871-3280 ext. 3886, evenings/weekends (714) 879-6895.

Tnx Alex, W6RE & Bob, WB6IXN.

EDITOR's FAREWELL

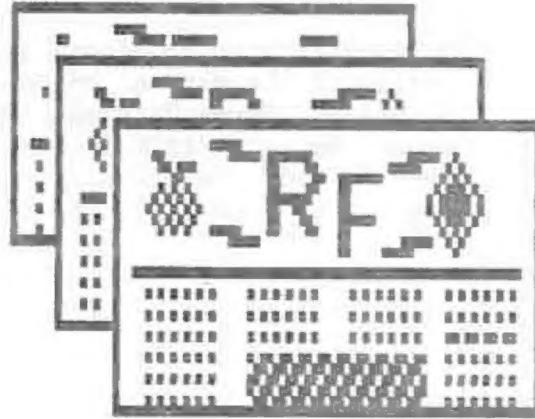
This past year I've tried to make 'RF' the publication I always thought it should be. We've had some technical articles, some general articles, and lots of news articles. I've tried to make it a place where any member could have access to others in the club; whether it be by article, editorial or for sale notice. Even the last of these items was hard to drag from the members. It is unfortunate that in the whole year I only received articles from six or seven of the club members. Why is it the people that have so many announcements and things to say at the meetings never find the time to contribute to 'RF'?

This is the final issue of 'RF' that I'll be editing. Bob, WB6IXN, will be taking over for 1986. One thing Bob can be assured of is that I will be supporting him as best I can. My first 1986 'RF' article is already written! I hope the rest of the membership will support Bob too.

As I look back on editing (and writing) a year of 'RF', I really feel I had a good time doing it. It took more time than I had, especially as club president and with the other radio club duties I was doing. (also, during this year I was Chairman of the Douglas Apple Users Group, Committeeman of a Professional Engineering Association, and supporting member of a Sports Car club!). I've learned a lot about my computer, WordStar and AppleWorks thanks to doing 'RF'!

73 de Bob, AF6C

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"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

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MINUTES of the NOVEMBER Meeting:

MINUTES OF GENERAL MEETING
NOVEMBER 15th, 1985
MERCURY SAVINGS & LOAN, TUSTIN, CA.

Meeting opened at 1946 with Pledge of Allegiance by President Bob, AF6C.
Roll Call of Officers; all present except VP, and Membership

ANNOUNCEMENTS: Christmas Banquet see flyer.

PROGRAM: Ken W6HHC showed slides of Field Day 1985.

TREASURER's REPORT: Auction made \$95.00

Checking Balance: \$1069.35 Savings Balance: \$643.31

UNFINISHED BUSINESS: OCCARO positions are available; contact Cathy WA6FAH.

NEW BUSINESS: Earthquakes ('RF' article). Club should develop a comm. plan.

MOTION: To change the constitution so that elected Officer holder need a license whose term is five (5) years or more. -- NO opposition.

ELECTIONS: The following offices were filled by acclamation:

President - Frank, WA6VKZ Vice President - Jim, N6JSV

Secretary - Ken, W6HHC Treasurer - Jeanie, KB6EZS

Activities - Kei, W6NGO Public Relations - Mac, W6MIL

TVI - Al, W6IBR Membership - John, KB6EZU

Member at Large - Joe, KB6FZU

The following office was filled according to the Club By-Laws:

Member at Large - Bob, AF6C

EDITOR of 'RF': Bob, WB6IXN volunteered.

BOARD MEETING: At Jane's on December 1st at 1500.

BREAK

AUDIT COMMITTEE: Ken, W6HHC; Jane, Jeanie KB6EZS.

GOOD OF CLUB: New license terms are 10 year.

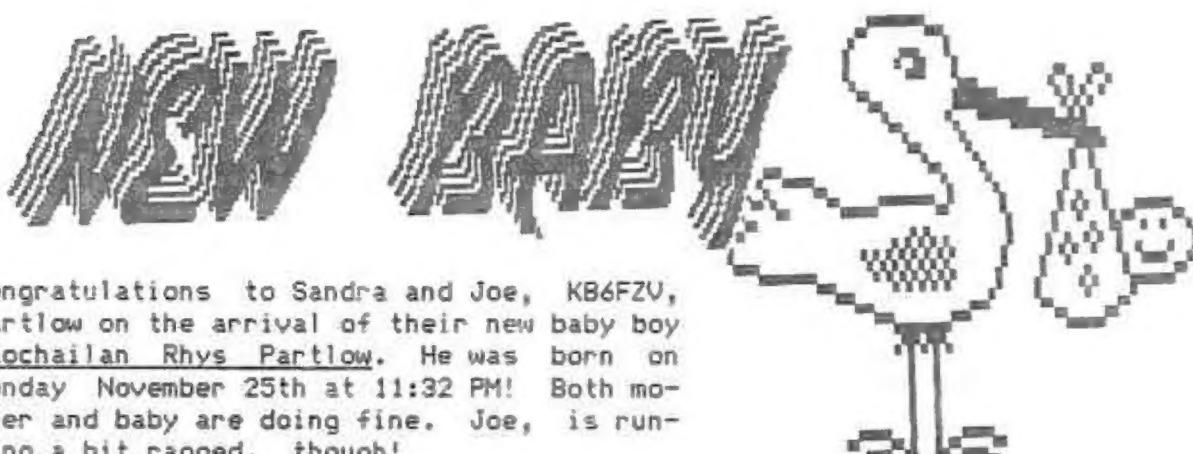
Do not use any 610 form dated prior to June 1984.

There will be a relocation of the 160 meter band.

Alex W6RE talked about Hospital Support Group.

Swap-Meet (electronic) in Anaheim, third Saturday of month.

No general meeting next month. (Banquet instead).



Congratulations to Sandra and Joe, KB6FZU, Partlow on the arrival of their new baby boy Laochailan Rhys Partlow. He was born on Monday November 25th at 11:32 PM! Both mother and baby are doing fine. Joe, is running a bit ragged, though!

Vital Statistics:

Weight 9 lbs, 1oz; Length 20"; No call yet.

Orange County Amateur Radio Club
Christmas Banquet



At Casey's Restaurant & Saloon in Garden Grove.
(On Trask Ave. just east of Magnolia. See map.)

SUNDAY
DECEMBER 15TH

FILAMENT CURRENT ON at: 4:00 PM (Altitude adjustment)

PLATE CURRENT ON at: 5:00 PM (Banquet seating)

Menu Selections:

PRIME RIB (Casey's Cut). Eastern Choice Prime Rib of Beef au Jus with Creamy Horseradish.

STEAK & CHICKEN TERIYAKI. A Top Sirloin & Boneless Breast of Chicken Teriyaki.

STEAK & PRAWNS. A Top Sirloin Served with Deep Fried Shrimp.

SALMON MALTAISE. A Boned Salmon Steak Grilled in Butter & Crowned with Sauce Maltaise.

(Dinners served with Salad, Bread, Potato and Vegetable.)

Member Prices:

Adult's Dinners \$10.00 each.

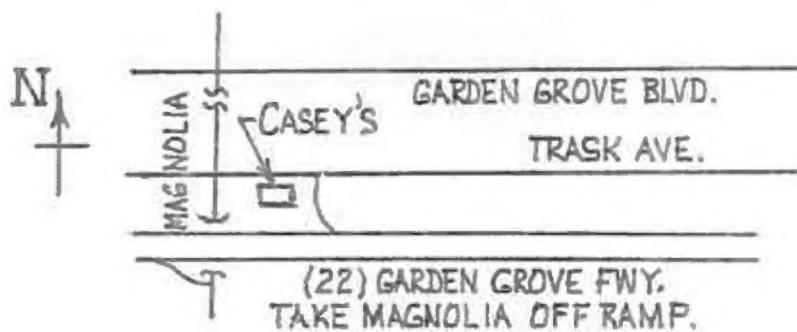
Children's Dinners (From above menu) ... 8.00 each.

Children under 10 can order from Children's Menu at no charge.



Gift Exchange:

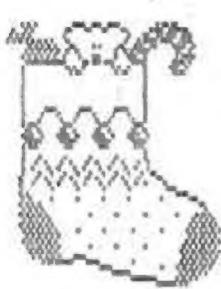
There will be a gift exchange following dinner. Each adult should bring a wrapped gift (Maximum \$5.00). Men, bring a gift for an OM and ladies, bring a gift for an XYL. Club will furnish gifts for children.



"RF"

ORANGE COUNTY AMATEUR RADIO CLUB

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CHRISTMAS BANQUET



The 1985 Orange County Amateur Radio Club Christmas Banquet will be held on Sunday December 15th at Casey's Restaurant & Saloon, Magnolia (at the Garden Grove Fwy.). Choose from one of four menu items. Adult dinners \$10.00, Children's dinners, from the same menu \$8.00, (or order from the childrens menu at no charge). See page 9 for the flyer containing all the details. Please let Dotty (714) 531-6245 know how many are coming. This is a family event!!

NO REGULAR DECEMBER MEETING

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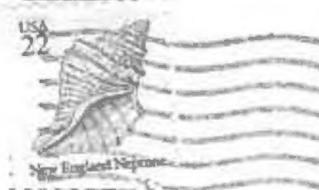
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P.O. BOX 1704

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MERRY CHRISTMAS & HAPPY NEW YEAR!



AF6 C
Bob Eckweiler
667 Coate Rd.
Orange CA 92669

MB



FIRST CLASS!